(54) **METHOD AND SYSTEM FOR RESTORING A COMPUTER TO ITS ORIGINAL STATE AFTER AN UNSUCCESSFUL PATCH INSTALLATION ATTEMPT**

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(*) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 0 days.

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(57) **ABSTRACT**

A system, method and computer-readable medium for creating patch rollback scripts for operations performed by an installer program module. A patch rollback script may be used to reverse an action of an installer program module so that a user's machine is restored to its original state, i.e., the state before the installer program module began performing patch operations. In performing patch operations, the installer program module typically generates patch installation script records of specific actions that are to be performed to a particular machine with regard to patch installation data. During the processing of each patch installation script record, an inverse record is created, known as a patch rollback script record. When installing or modifying a file, if there is no file with the same name in the same location stored on the machine, a patch rollback script record describing how to delete the file is stored. However, if an old file stored in the same location does exist, the old file is backed up to another location and a patch rollback script record is saved describing how to copy the old file back to its prior location on the machine.

16 Claims, 9 Drawing Sheets